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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Temperatures were below normal for the fourth consecutive week. Crops made good progress in Western Kentucky where moisture totals were below average. Central and Eastern Kentucky had above normal rainfall which delayed planting and hampered crop progress. Whenever possible, farmers were setting tobacco, planting corn and soybeans, and putting up hay. Days suitable for fieldwork averaged 3.5 out of a possible seven. **Topsoil moisture** as of Friday, June 6 was rated 1 percent short, 55 percent adequate and 44 percent surplus. **Subsoil moisture** was rated 1 percent short, 57 percent adequate and 42 percent surplus. Rain has limited the effectiveness of weed control measures. Hay making remains difficult with repeated rain. A week of warm and dry conditions would be most welcome.

CORN: Corn planting progressed to 94 percent completed by Sunday, June 8, compared with 96 percent a year ago and the five-year average of 98. About 86 percent of the planted acreage had emerged, compared with 90 percent a year ago, and the average of 93 percent. Emerged corn was in fair to good condition, with 3 percent very poor, 9 percent poor, 30 percent fair, 41 percent good and 17 percent excellent. Height of the most advanced fields averaged 35 inches statewide, while average height of emerged corn was 20 inches. Some corn drowned out in low lying areas may be replanted, and some fields may be switched to sorghum. A few producers may not be able to plant their corn.

SOYBEANS: Soybean planting progressed well in western areas, but was slow where producers were concentrating on getting corn planted and tobacco set. The soybean crop is one to two weeks behind normal. As of Sunday, June 8, about 44 percent of the crop had been seeded, compared with 54 percent a year ago, but well

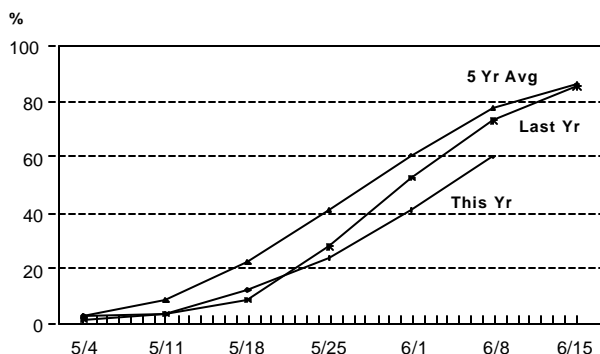
behind the average of 65 percent. Only 23 percent of planted acreage had emerged, compared with 39 percent a year ago, and the average of 50. Condition of emerged soybeans was rated 2 percent poor, 32 percent fair, 48 percent good, and 18 percent excellent.

TOBACCO: As of Sunday, June 8, 60 percent of the intended **burley** acreage had been set, compared with 73 percent a year ago and the average of 78 percent. **Dark tobacco** acreage was 80 percent set, compared with 78 percent last year and the average of 64. Controlling size and quality of plants in plant beds is difficult. The availability of transplants is becoming a concern. Disease and pest problems remain minor except in a few areas. Condition of set tobacco was reported as 5 percent poor, 26 percent fair, 54 percent good, and 15 percent excellent. Most tobacco plants remain small with 94 percent under 12 inches tall, and 6 percent over 12 inches high.

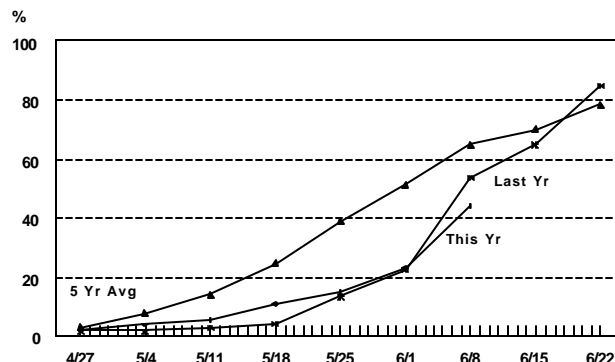
SMALL GRAINS: **Barley** harvest is in full swing with 55 percent of the harvest complete, compared with 47 percent completed for both last year and the average. **Wheat** harvest is just beginning with 6 percent of the crop harvested. Some areas are concerned that head scab may affect yield and quality. As of Friday, June 6, wheat condition was reported as 2 percent very poor, 12 percent poor, 30 percent fair, 36 percent good and 20 percent excellent.

OTHER CROPS: **Hay** making was slow due to continued poor curing conditions. Almost all hay is too mature for optimum quality. Hay baled too wet is heating up and mold is also a concern. **Pastures** remain in good to excellent condition and were rated 2 percent poor, 11 percent fair, 52 percent good and 35 percent excellent. **Grain sorghum** planting was in full swing during the week with 54 percent of intended acres planted.

BURLEY TOBACCO SET PROGRESS



SOYBEAN PLANTING PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 8, 2003

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	94	96	98	86	95
Emerged	86	90	93	80	81
Soybeans					
Planted	44	54	65	23	74
Emerged	23	39	50	14	38
Sorghum Planted	54	33	58	32	56
Barley Harvested	55	47	47	12	NA
Wheat Harvested	6	2	4	NA	NA
Burley Tobacco Set	60	73	78	41	NA
Dark Tobacco Set	80	78	64	56	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING JUNE 6, 2003

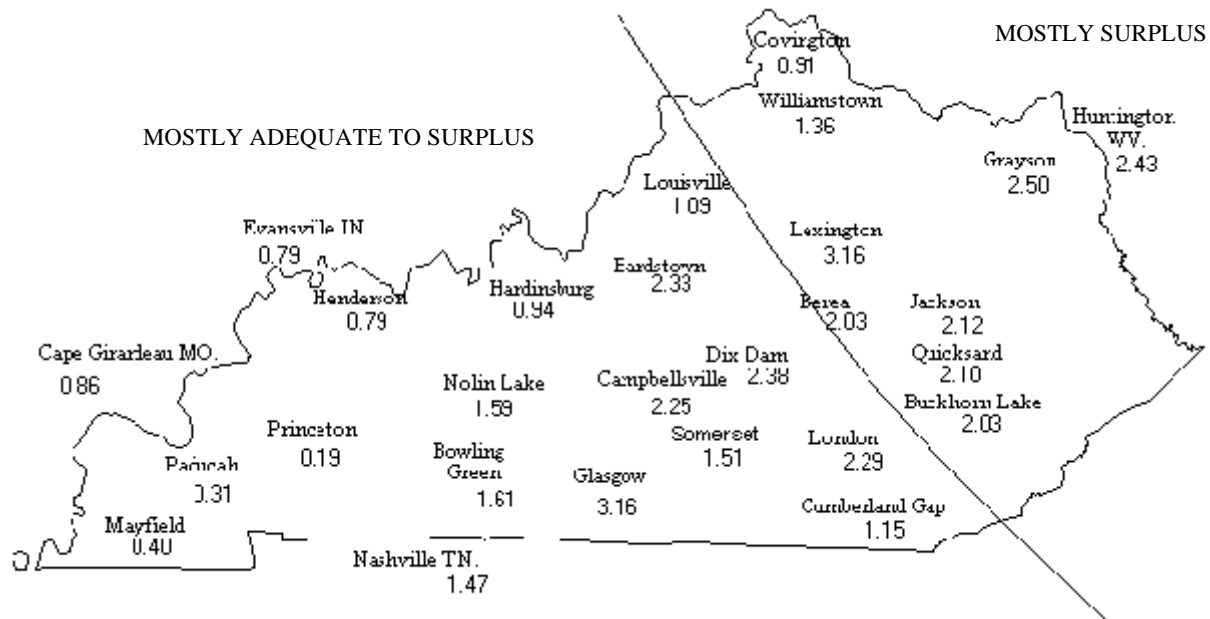
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	1	0
Adequate	55	57
Surplus	44	43
SUBSOIL		
Very Short	0	0
Short	1	1
Adequate	57	58
Surplus	42	41

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 6, 2003					WEEK ENDING MAY 30, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	3	9	30	41	17	3	11	33	41	12
Soybeans	0	2	32	48	18	0	4	42	45	9
Wheat	2	12	30	36	20	2	7	22	49	20
Pasture	0	2	11	52	35	0	2	11	57	30
Tobacco Set	0	5	26	54	15	0	5	25	56	14

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 8, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 6, 2003



KENTUCKY WEATHER SUMMARY, JUNE 2 - 8, 2003:

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

Weekly temperatures were held below normal across the State with the help of cloud cover, rainfall, and the passage of two cold fronts - one early in the week, and one into the weekend. Between the two fronts, temperatures managed to return to near normal levels by mid-week, before dipping slightly again into the weekend with the passage of the second front. Heavier rainfall amounts in association with this week's systems fell in central and eastern sections of the State, leaving the western sections of the State with below normal rainfall amounts.

Temperatures for the period averaged 64 degrees across the State which was 7 degrees below normal, which was 1 degree warmer than the previous week, and the fourth week in a row with below normal temperatures. High temperatures averaged from 74 in the West to 73 in the East. Departure from normal high temperatures ranged from 11 degrees below normal in the West to 8 degrees below normal in the East. Low temperatures averaged from 56 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 6 degrees below normal in the West to 6 degrees below normal in the East. Extreme temperatures for the week were 84 and 42 in Glasgow and London, respectively.

Rainfall for the past week totaled 1.62 inches statewide which was 0.72 inches above normal, and followed two weeks of below normal rainfall. Precipitation totals by climate division, West 0.56 inches, Central 1.79 inches, Bluegrass 2.10 inches and East 2.02 inches, which was -0.30, +0.87, +1.23 and +1.10 inches respectively from normal. By station, precipitation totals ranged from a low of 0.19 inches at Princeton to a high of 3.16 inches at Lexington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 8, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	2.33	15.88	4.73	+6.55	+0.87	79	47	64.1	-7	100	901	-40
Berea	2.03	13.07	4.83	+2.95	+0.67	80	46	64.7	-6	103	951	-21
Bowling Green	1.61	12.31	3.14	+1.94	-1.16	81	46	65.5	-6	110	991	+11
Bristol	0.86	12.97	3.31	+4.83	-0.15	84	40	66.6	-4	119	874	+2
Buckhorn Lake	2.03	14.07	4.98	+5.10	+1.22	80	46	63.7	-7	96	881	+25
Cape Girardeau	0.86	14.32	4.05	+3.77	-0.22	84	49	65.2	-8	106	942	-77
Campbellsville	2.25	13.02	3.86	+1.98	-0.60	82	45	65.1	-6	106	1009	+45
Covington	0.91	10.12	2.66	+1.07	-1.13	76	47	61.3	-9	80	743	-91
Cumberland Gap	1.15	14.23	3.65	+4.20	-0.59	82	43	65.9	-5	113	915	+51
Dix Dam	2.38	15.06	5.19	+5.12	+1.15	79	47	64.3	-6	100	907	-34
Evansville	0.79	10.72	3.41	+1.02	-0.59	81	47	63.5	-10	95	860	-90
Glasgow	3.16	13.46	4.53	+2.62	+0.04	84	45	65.8	-6	113	1061	+149
Grayson	2.50	15.86	6.32	+6.95	+2.55	81	44	63.6	-7	96	856	+61
Hardinsburg	0.94	13.91	3.41	+3.72	-0.74	80	46	63.9	-8	99	930	-50
Henderson	0.79	12.79	2.97	+2.97	-0.98	83	50	65.4	-8	106	940	-40
Huntington	2.43	16.01	6.12	+7.16	+2.38	81	42	63.6	-7	98	851	-13
Jackson	2.12	12.76	5.11	+3.16	+1.20	80	48	63.3	-7	93	836	-20
Lexington	3.16	15.61	5.99	+6.28	+2.13	80	47	64.0	-7	99	830	-12
London	2.29	14.53	5.49	+5.38	+1.78	80	42	63.3	-7	96	863	-1
Louisville	1.09	14.81	4.50	+5.04	+0.60	82	48	64.8	-7	105	890	-60
Mayfield	0.40	11.16	3.55	+0.20	-0.58	80	47	64.4	-9	101	898	-143
Nashville	1.47	12.72	3.04	+2.52	-1.06	83	52	67.4	-4	120	1044	-5
Nolin Lake	1.59	13.38	3.41	+2.32	-1.17	82	46	65.1	-6	108	990	+65
Paducah	0.31	12.50	3.83	+1.47	-0.44	83	48	64.9	-9	104	982	-37
Princeton	0.19	11.99	2.25	+1.20	-1.98	82	48	65.6	-8	108	1005	-5
Quicksand	2.10	14.17	6.06	+4.57	+2.15	80	47	63.3	-7	93	896	+40
Somerset	1.51	13.59	4.42	+3.04	+0.02	81	43	63.5	-7	97	929	-4
Spindletop	2.79	12.61	5.58	+3.28	+1.72	79	47	63.1	-8	92	797	-45
Williamstown	1.36	10.08	4.04	+0.51	+0.19	79	45	63.6	-7	96	865	+23

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending June 1, 2003

Corn Percent Emerged

Stat	June 1 2003	Prev Week	Prev Year	5-Yr Avg
CO	74	44	78	82
IL	86	78	65	86
IN	70	57	36	80
IA	85	68	91	91
KS	91	82	91	92
KY	80	76	63	84
MI	49	30	47	73
MN	90	71	79	87
MO	86	78	82	85
NE	84	54	86	91
NC	91	86	100	96
ND	72	50	75	71
OH	83	75	34	79
PA	56	40	62	70
SD	71	38	67	72
TN	92	89	96	96
TX	98	94	96	96
WI	56	33	50	73
ALL	81	64	72	85
These 18 States planted 92% of last year's corn acreage.				

Soybeans Percent Planted

Stat	June 1 2003	Prev Week	Prev Year	5-Yr Avg.
AR	56	41	57	57
IL	72	57	51	78
IN	63	40	41	79
IA	90	64	93	86
KS	70	40	54	69
KY	23	15	23	52
LA	59	52	70	84
MI	64	34	68	72
MN	91	68	93	88
MS	90	82	90	89
MO	65	40	47	61
NE	83	45	87	88
NC	32	28	60	48
ND	81	48	92	79
OH	70	52	34	77
SD	79	47	84	77
TN	27	14	41	46
WI	73	38	78	80
ALL	74	50	67	77
These 18 States planted 96% of last year's soybean acreage.				

Winter Wheat Percent Headed

State	June 1 2003	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	100	100	100	99
CO	85	55	83	78
ID	8	0	8	12
IL	95	91	94	97
IN	96	83	87	97
KS	100	98	99	99
MI	14	2	16	58
MO	98	94	97	98
MT	1	1	0	14
NE	69	34	63	69
NC	96	95	100	100
OH	94	67	70	93
OK	100	100	100	100
OR	48	24	65	52
SD	26	4	8	22
TX	99	97	99	98
WA	37	19	28	43
ALL	84	76	82	84
These 18 States planted 90% of last year's winter wheat acreage.				

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.